

From: [R4SampleCustody](#)
To: [Amoroso, Cathy](#)
Cc: [R4SampleCustody](#); [Turner, Nardina](#); [Sandra.Harrigan@ttemi.com](#); [jessica.vickers@ttemi.com](#); [Saskowski, Ronald](#); [Hendel, Jeffrey](#); [Aker, Sandra](#)
Subject: UPDATED: R4 LIMS Sample Log for Project 19-0323, WorkOrder E193801
Date: Thursday, December 5, 2019 10:46:48 PM
Attachments: [E193801_WKO_12_05_19_1447.pdf](#)
[E193801_COC_01.pdf](#)
[E193801_COC_02.pdf](#)
[E193801_COC_03.pdf](#)

NOTE: Some or all of this information may have been previously transmitted. Contact our Sample Control Coordinator (contact info is shown below), if you need more information about this updated workorder report.

Attached is a detailed work order report, in Adobe Acrobat PDF format, containing information about samples and their scheduled analyses for the following Project:

Project Number: 19-0323

Project Name: Patterson Street Solvent Plume

City: Greensboro **County:** Guilford **State:** NC

Samples in the following categories have been submitted for analysis:

Volatile Organics (VOA)

Please review the attached report and notify our Sample Control Coordinator by e-mail at R4SampleCustody@epa.gov if you have any questions, concerns, or if you notice any errors.

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WORK ORDER

Printed: 12/5/2019 2:47:56PM

E193801

US-EPA, Region 4, LSASD

Client: Superfund Remedial (302DD2, 303DD2, 000DD2)
Project: Patterson Street Solvent Plume - CAMOROSO

Project Number: 19-0323
Acct # / Location: 000DD2B48ULA00 Greensboro Guilford NC

Project Leader: Amoroso, Cathy

Date Due: 10/18/19 (35 day TAT)

Received By: Beall, Mike

Date Received: 09/13/19 16:28

Logged In By: Beall, Mike

Date Logged In: 09/16/19 09:36

Samples Received at:

Placed in Cooler after Ice Removed:

D.A.R.T. Project ID: 19-0323

Custody Seals:

Sample Containers Intact: Yes

Program/Activity: SI

Custody Seals Intact:

Samples & COC Match: Yes

Site/Waterbody: PATTERSON STREET SOLVENT PLUME
(NCN000404887)

COC Present: Yes

COC/Labels Agree:

Ice in Cooler:

All Analyses on COC: Yes

Analysis	Due	TAT	Expires	Comments
E193801-01 PSP10-AA / PSP10 [Air / Ambient Air] Sampled 09/11/19 14:42				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/11/19 14:42	
E193801-02 PSP10-AA-DUP / PSP10 [Air / Ambient Air] Sampled 09/11/19 14:42				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/11/19 14:42	
E193801-03 PSP10-SG / PSP10 [Air / Soil Gas] Sampled 09/12/19 17:52				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/12/19 17:52	
E193801-04 PSP11-AA / PSP11 [Air / Ambient Air] Sampled 09/10/19 14:06				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/10/19 14:06	
E193801-05 PSP11-SG / PSP11 [Air / Soil Gas] Sampled 09/12/19 18:38				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/12/19 18:38	
E193801-06 PSP12-AA / PSP12 [Air / Ambient Air] Sampled 09/10/19 15:37				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/10/19 15:37	
E193801-07 PSP12-SG / PSP12 [Air / Soil Gas] Sampled 09/13/19 11:00				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/13/19 11:00	
E193801-08 PSP13-AA / PSP13 [Air / Ambient Air] Sampled 09/10/19 15:01				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/10/19 15:01	
E193801-09 PSP13-SG / PSP13 [Air / Soil Gas] Sampled 09/13/19 09:30				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/13/19 09:30	
E193801-10 PSP13-SG-SPLIT / PSP13 [Air / Soil Gas] Sampled 09/13/19 09:30				
<i>A = Passivated Air Canister</i>				
VOA Air Scan VA1 (ug/m3)	10/18/19 00:00	35	10/13/19 09:30	

E193801

US-EPA, Region 4, LSASD

Client: Superfund Remedial (302DD2, 303DD2, 000DD2)
 Project: Patterson Street Solvent Plume - CAMOROSO

Project Number: 19-0323
 Acct # Location: 000DD2B48ULA00 Greensboro Guilford NC

Analysis	Due	TAT	Expires	Comments
E193801-11 PSP14-SG / PSP14 [Air / Soil Gas] Sampled 09/12/19 13:56				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 13:56	
E193801-12 PSP15-SG / PSP15 [Air / Soil Gas] Sampled 09/12/19 12:28				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 12:28	
E193801-13 PSP16-AA / PSP16 [Air / Ambient Air] Sampled 09/10/19 15:36				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 10 19 15:36	
E193801-14 PSP16-SG / PSP16 [Air / Soil Gas] Sampled 09/12/19 16:56				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 16:56	
E193801-15 PSP19-SG / PSP19 [Air / Soil Gas] Sampled 09/12/19 13:11				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 13:11	
E193801-16 PSP20-SG / PSP20 [Air / Soil Gas] Sampled 09/12/19 15:53				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 15:53	
E193801-17 PSP21-AA / PSP21 [Air / Ambient Air] Sampled 09/10/19 14:13				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 10 19 14:13	
E193801-18 PSP21-SG / PSP21 [Air / Soil Gas] Sampled 09/12/19 11:35				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 11:35	
E193801-19 PSP24-AA / PSP24 [Air / Ambient Air] Sampled 09/10/19 15:30				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 10 19 15:30	
E193801-20 PSP24-SG / PSP24 [Air / Soil Gas] Sampled 09/13/19 10:16				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 13 19 10:16	
E193801-21 PSP25-SG / PSP25 [Air / Soil Gas] Sampled 09/12/19 14:55				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 12 19 14:55	
E193801-22 PSP26-AA / PSP26 [Air / Ambient Air] Sampled 09/11/19 14:47				
A = Passivated Air Cluster				
VOA Air Scan VA1 (ug m3)	10 18 19 00:00	35	10 11 19 14:47	

WORK ORDER

Printed: 12/5/2019 2:47:56PM

E193801**US-EPA, Region 4, LSASD****Client:** Superfund Remedial (302DD2, 303DD2, 000DD2)**Project Number:** 19-0323**Project:** Patterson Street Solvent Plume - CAMOROSO**Acct # Location:** 000DD2B48ULA00 Greensboro Guilford NC

Analysis	Due	TAT	Expires	Comments
E193801-23 PSP27-SG / PSP27 [Air / Soil Gas] Sampled 09/13/19 08:11				
<i>A = Passivated Air Sampler</i>				
VOA Air Scan VAI (ug m3)	10 18 19 00:00	35	10 13 19 08:11	
E193801-24 PSP28-AA / PSP28 [Air / Ambient Air] Sampled 09/10/19 15:03				
<i>A = Passivated Air Sampler</i>				
VOA Air Scan VAI (ug m3)	10 18 19 00:00	35	10 10 19 15:03	
E193801-25 PSP28-SG / PSP28 [Air / Soil Gas] Sampled 09/13/19 07:26				
<i>A = Passivated Air Sampler</i>				
VOA Air Scan VAI (ug m3)	10 18 19 00:00	35	10 13 19 07:26	

E193801

USEPA CLP Generic COC (REGION COPY)

DateShipped: 9/13/2019

CarrierName: Courier

CHAIN OF CUSTODY RECORD

Patterson Street Solvent Plume/NC

Project Code: 19-0323

No: 4-091319-120944-0004

Lab: US EPA Region 4 Laboratory

Lab Contact: Mike Beall

Lab Phone: 706-355-8856

	Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
-01	PSP10-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP10	09/11/2019 14:42	Field Sample
-02	PSP10-AA-DUP		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP10	09/11/2019 14:42	Field Duplicate *
-03	PSP10-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP10	09/12/2019 17:52	Field Sample
-04	PSP11-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP11	09/10/2019 14:06	Field Sample
-05	PSP11-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP11	09/12/2019 18:38	Field Sample
-06	PSP12-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP12	09/10/2019 15:37	Field Sample
-07	PSP12-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP12	09/13/2019 11:00	Field Sample
-08	PSP13-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP13	09/10/2019 15:01	Field Sample
-09	PSP13-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP13	09/13/2019 09:30	Field Sample
-10	PSP13-SG-SPLIT		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP13	09/13/2019 09:30	Field Sample
-11	PSP14-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP14	09/12/2019 13:56	Field Sample
-12	PSP15-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP15	09/12/2019 12:28	Field Sample
-13	PSP16-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP16	09/10/2019 15:36	Field Sample
-14	PSP16-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP16	09/12/2019 16:56	Field Sample
-15	PSP19-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP19	09/12/2019 13:11	Field Sample
-16	PSP20-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP20	09/12/2019 15:53	Field Sample
-17	PSP21-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP21	09/10/2019 14:13	Field Sample
-18	PSP21-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP21	09/12/2019 11:35	Field Sample
-19	PSP24-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP24	09/10/2019 15:30	Field Sample
-20	PSP24-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP24	09/13/2019 10:16	Field Sample

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: VOA-Air=(VOA) Air Scan

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Quinn Kelly</i> H7	9/13/19 1620	<i>R. Beall</i> EPA USAF L5B	9-13-19 1628	Good

* 9/16/19 Rmbeall - Canister SERIAL # DOES NOT MATCH WHAT IS ON THE LABEL! Canister # is 6677
But LABEL HAS 5677 for a Canister #.

E193801

USEPA CLP Generic COC (REGION COPY)

DateShipped: 9/13/2019

CarrierName: Courier

CHAIN OF CUSTODY RECORD

Patterson Street Solvent Plume/NC

Project Code: 19-0323

No: 4-091319-120944-0004

Lab: US EPA Region 4 Laboratory

Lab Contact: Mike Beall

Lab Phone: 706-355-8856

	Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
-21	PSP25-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP25	09/12/2019 14:55	Field Sample
-22	PSP26-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP26	09/11/2019 14:47	Field Sample
-23	PSP27-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP27	09/13/2019 08:11	Field Sample
-24	PSP28-AA		Air/ START	Grab	VOA-Air	A (None) (1) ✓	PSP28	09/10/2019 15:03	Field Sample
-25	PSP28-SG		Soil Gas/ START	Grab	VOA-Air	A (None) (1) ✓	PSP28	09/13/2019 07:26	Field Sample

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: VOA-Air=(VOA) Air Scan

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Quinn Kelly</i> / FZ	9/13/19 1620	<i>Mike Beall</i> EPA LSASD LSB	9-13-19 1628	Good

E193801

Beall, Mike

From: Masters, Stacie
Sent: Friday, October 11, 2019 11:19 AM
To: Beall, Mike
Cc: Hendel, Jeffrey
Subject: FW: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

Mike,

Have you seen anything for this project?

Thanks,
Stacie

From: Masters, Stacie
Sent: Thursday, October 03, 2019 3:53 PM
To: Turner, Nardina <Turner.Nardina@epa.gov>; Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Cc: R4DART <R4DART@epa.gov>; Hendel, Jeffrey <Hendel.Jeffrey@epa.gov>
Subject: RE: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

Nardina,

For this instance where we will have to update Station IDs and matrices in the workorder, we will need a revised COC to be submitted. Once we receive that, Mike will make the corrections to the workorder and we can re-report the data.

Thanks,

Stacie Masters
Laboratory Quality Manager
US EPA, Region 4, LSASD
980 College Station Rd.
Athens, GA 30605
706-355-8847
masters.stacie@epa.gov

From: Turner, Nardina <Turner.Nardina@epa.gov>
Sent: Thursday, October 03, 2019 3:18 PM
To: Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Cc: Masters, Stacie <Masters.Stacie@epa.gov>; R4DART <R4DART@epa.gov>
Subject: FW: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

Cathy: Normally, if the DART error traces back to the COC, there should be a revised version of the COC to go to LSASD. This is for records/COC purposes and also to make it easier to correctly capture the log-in changes. Then, the data is re-reported if it already has gone out. So, I will let you and Stacie decide how to handle it from here. I'm not clear on how DART is using the e-mail responses, but generally we had stopped using that mechanism to make COC changes. In this case, since it is just valid values, it may not be as critical to have the revised COC, but I have not seen the changes below "take" yet. So, possibly LSASD is still waiting for the revised COC requested earlier by Sallie Hale. (LSASD went ahead and

released the data so it would go out on time.) I'll open this corrections issue for discussion on the next monthly samplers' call. We put this in our internal SOP, but maybe have not discussed enough with the samplers. - Nardina

From: Vickers, Jessica <jessica.vickers@tetrattech.com>
Sent: Tuesday, October 1, 2019 12:00 PM
To: guinn.kelley@tetrattech.com; Leslie Shaver <leslie.shaver@tetrattech.com>
Cc: Turner, Nardina <Turner.Nardina@epa.gov>
Subject: FW: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

See below and the email corrections I supplied to R4DART.

Jessica A. Vickers | USEPA Region 4 START IV QA Manager/Senior Chemist
Direct: 678 775 3094 **note new phone number**
jessica.vickers@tetrattech.com

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From: Turner, Nardina <Turner.Nardina@epa.gov>
Sent: Tuesday, October 01, 2019 10:54 AM
To: Vickers, Jessica <jessica.vickers@tetrattech.com>
Subject: FW: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

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Jessica: Do you know if the revised COC that accompanies this issue is available yet? If so, please send to R4COCCorrections@epa.gov to complete the record. - Nardina

From: Vickers, Jessica <jessica.vickers@tetrattech.com>
Sent: Tuesday, October 1, 2019 11:09 AM
To: R4DART <R4DART@epa.gov>
Cc: guinn.kelley@tetrattech.com; Leslie Shaver <leslie.shaver@tetrattech.com>; Sandra Harrigan <sandra.harrigan@tetrattech.com>
Subject: FW: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

See corrections below.

Jessica A. Vickers | USEPA Region 4 START IV QA Manager/Senior Chemist
Direct: 678 775 3094 **note new phone number**
jessica.vickers@tetrattech.com

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From: R4DART@epa.gov <R4DART@epa.gov>
Sent: Monday, September 30, 2019 4:38 AM
To: Amoroso, Cathy <amoroso.cathy@epa.gov>
Cc: Vickers, Jessica <jessica.vickers@tetrattech.com>; Harrigan, Sandra <Sandra.Harrigan@tetrattech.com>
Subject: (19-0323) Sample Information Errors for Patterson Street Solvent Plume: Due Date 09/30/2019

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

ssica.vickers@tetrattech.com, sandra.harrigan@tetrattech.com

Data Loading Info	
Project ID	19-0323
Project Number	19-0323
Project Name	Patterson Street Solvent Plume
DART Site	NCN000404887
DART Site Name	Patterson Street Solvent Plume
Location EDD	19-0323_Patterson Street Solvent Plume_PL-
File Name	CONT_TTEMI.NCN000404887.dat
FieldResults EDD	19-0323_Patterson Street Solvent Plume_PL-CONT_TTEMI-
File Name	FieldResults.NCN000404887.dat
File Name	
File Type	Normal

Please correct the errors noted below before the due date to avoid data re-reporting. You will receive an email request for a location EDD (if needed) after these errors are corrected.

Sample Information: Project Log

Items noted as 'Missing' must be corrected in the R4LIMS Project Log before the Due Date.

Project Log Information

Project Number	Project Name	DART Site	Project ID	DART Program/Activity	DART Sampling Company	Send To DART
19-0323	Patterson Street Solvent Plume	NCN000404887	19-0323	SI	PL-CONT_TTEMI	SF

Sample Information: Element

Items noted as 'Missing' or 'Missing?' must be corrected before the Due Date.

Enter 'Missing' or 'Missing?' data in the Correction column, and then forward this report to R4DART@epa.gov

A list of accepted Media Codes is in the attached file (DART_Media_Codes.csv).

DART Information From Chain of Custody

Lab Sample ID	StationID		Field Sample ID	Media Code	
-	<u>Original</u>	<u>Edited</u>	-	<u>Original</u>	<u>Edited</u>
R4-E193801-15	PSP19	-	PSP19-SG	SG (Soil Gas)	-
R4-E193801-21	PSP25	-	PSP25-SG	SG (Soil Gas)	-
R4-E193707-07	PSP24	-	PSP24-GW-DUP	GW (Groundwater)	-
R4-E193801-24	Missing?	PSP28 ✓	PSP28-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193801-10	PSP13	-	PSP13-SG-SPLIT	SG (Soil Gas)	-
R4-E193707-01	-	-	PSP-EB-01	EB (Equipment Rinse Blank)	-
R4-E193705-09	PSP06	-	PSP06-SW	SW (Surface Water)	-

R4-E193705-02	-	-	PSP-TB-02	TW (Trip Blank - Water)	-
R4-E193705-18	PSP12	-	PSP12-SF	SF (Surface Soil)	-
R4-E193801-05	PSP11	-	PSP11-SG	SG (Soil Gas)	-
R4-E193707-06	PSP24	-	PSP24-GW	GW (Groundwater)	-
R4-E193801-04	Missing?	PSP11 ✓	PSP11-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193705-08	PSP05	-	PSP05-SW	SW (Surface Water)	-
R4-E193801-18	PSP21	-	PSP21-SG	SG (Soil Gas)	-
R4-E193705-04	PSP01	-	PSP01-SW-DUP	SW (Surface Water)	-
R4-E193801-09	PSP13	-	PSP13-SG	SG (Soil Gas)	-
R4-E193707-08	PSP25	-	PSP25-GW	GW (Groundwater)	-
R4-E193801-13	Missing?	PSP16 ✓	PSP16-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193707-05	PSP17	-	PSP17-GW	GW (Groundwater)	-
R4-E193705-17	PSP12	-	PSP12-GW	GW (Groundwater)	-
R4-E193801-08	Missing?	PSP13 ✓	PSP13-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193705-01	-	-	PSP-TB-01	TS (Trip Blank - Soil)	-
R4-E193801-20	PSP24	-	PSP24-SG	SG (Soil Gas)	-
R4-E193801-17	Missing?	PSP21 ✓	PSP21-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193801-01	Missing?	PSP10 ✓	PSP10-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193801-03	PSP10	-	PSP10-SG	SG (Soil Gas)	-
R4-E193707-02	-	-	PSP-TB-03	TW (Trip Blank - Water)	-
R4-E193705-06	PSP03	-	PSP03-SW	SW (Surface Water)	-
R4-E193705-12	PSP09	-	PSP09-SW	SW (Surface Water)	-
R4-E193801-12	PSP15	-	PSP15-SG	SG (Soil Gas)	-
R4-E193705-05	PSP02	-	PSP02-SW	SW (Surface Water)	-
R4-E193801-16	PSP20	-	PSP20-SG	SG (Soil Gas)	-
R4-E193801-22	Missing?	PSP26 ✓	PSP26-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193801-23	PSP27	-	PSP27-SG	SG (Soil Gas)	-
R4-E193705-13	PSP10	-	PSP10-GW	GW (Groundwater)	-
R4-E193801-25	PSP28	-	PSP28-SG	SG (Soil Gas)	-
R4-E193801-19	Missing?	PSP24 ✓	PSP24-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193801-07	PSP12	-	PSP12-SG	SG (Soil Gas)	-
R4-E193707-03	PSP11	-	PSP11-GW	GW (Groundwater)	-
R4-E193705-10	PSP07	-	PSP07-SW	SW (Surface Water)	-
R4-E193705-20	PSP22	-	PSP22-SEEP	SW (Surface Water)	-
R4-E193707-04	PSP13	-	PSP13-GW	GW (Groundwater)	-
R4-E193705-03	PSP01	-	PSP01-SW	SW (Surface Water)	-
R4-E193801-11	PSP14	-	PSP14-SG	SG (Soil Gas)	-
R4-E193705-14	PSP10	-	PSP10-SF	SF (Surface Soil)	-
R4-E193801-14	PSP16	-	PSP16-SG	SG (Soil Gas)	-
R4-E193801-06	Missing?	PSP12 ✓	PSP12-AA	Missing (Air)	✓ AA (Ambient Air)
R4-E193705-07	PSP04	-	PSP04-SW	SW (Surface Water)	-
R4-E193705-16	PSP11	-	PSP11-SF-DUP	SF (Surface Soil)	-
R4-E193705-11	PSP08	-	PSP08-SW	SW (Surface Water)	-
R4-E193705-15	PSP11	-	PSP11-SF	SF (Surface Soil)	-
R4-E193705-19	PSP13	-	PSP13-SF	SF (Surface Soil)	-
R4-E193801-02	Missing?	PSP10 ✓	PSP10-AA-DUP	Missing (Air)	✓ AA (Ambient Air)

eed the EQuIS Data Processor (EDP)?

ownload EDP [here](#)

DP registration code: EPAR4-SESD-8617-2008-1

For assistance, please contact R4DART support at R4DART@epa.gov.

Beall, Mike

E193801

From: Kelley, Quinn <quinn.kelley@tetrattech.com>
Sent: Thursday, December 05, 2019 2:08 PM
To: Beall, Mike
Subject: RE: Project 20-0055 Patterson St Solvent Plume - Sample Delivery

Project 19-0323 ✓

CS = Crawl space air

AA = Ambient air

IA = Indoor air

SG = Soil gas

Quinn Kelley

Senior Environmental Scientist

Tetra Tech, Inc.

(678) 775-3101 office

(678) 775-3138 fax

From: Beall, Mike <Beall.Mike@epa.gov>
Sent: Thursday, December 05, 2019 2:05 PM
To: Kelley, Quinn <quinn.kelley@tetrattech.com>
Subject: RE: Project 20-0055 Patterson St Solvent Plume - Sample Delivery

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Thanks for collection time clarification.

As for report matrix codes: the sample ID's have CS, AA, IA for this project and the earlier project (19-0323) had a SG as well. If you can define these in an email, it would spare us having to use a Revised COC.

I see you have another email, so this may be moot.

Thanks,
Mike

From: Kelley, Quinn <quinn.kelley@tetrattech.com>
Sent: Thursday, December 05, 2019 2:01 PM
To: Beall, Mike <Beall.Mike@epa.gov>
Subject: RE: Project 20-0055 Patterson St Solvent Plume - Sample Delivery

The labels are correct. I'm going to send out an updated COC and XML with the correct times and more detailed matrix codes. Let me know if there's anything else you need.

Thanks,
Quinn

Quinn Kelley

Senior Environmental Scientist

Tetra Tech, Inc.

(678) 775-3101 office

(678) 775-3138 fax

From: Beall, Mike <Beall.Mike@epa.gov>
Sent: Thursday, December 05, 2019 12:35 PM

To: Kelley, Quinn <quinn.kelley@tetrattech.com>

Subject: RE: Project 20-0055 Patterson St Solvent Plume - Sample Delivery

E 193801

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

Hi Quinn,

Amber dropped off samples and I forgot to empty the cooler and return to her. Can you send a pdf of an airbill so I can return the cooler?

We have a few collection times that differ between COC and labels: 1 air and 2 waters

Sample **PSP30-CS**: COC has a collection time of 18:20 but label has 11:05. Which is correct?

Sample **PSP31-SW**: COC has a collection time of 09:00 but labels have 09:20. Which is correct?

Sample **PSP32-SW**: COC has a collection time of 09:20 but labels have 09:07. Which is correct?

Answering this email will be sufficient and a revised COC should not be needed.

Thanks,

Mike Beall

Sample Custodian

Laboratory Services Branch

Laboratory Services and Applied Science Division

US EPA Region 4 - Athens, GA

706/355-8655

Beall.Mike@epa.gov

From: Kelley, Quinn <quinn.kelley@tetrattech.com>

Sent: Thursday, December 05, 2019 10:41 AM

To: R4SampleCustody <R4SampleCustody@epa.gov>

Cc: R4DART <R4DART@epa.gov>; Beall, Mike <Beall.Mike@epa.gov>; Turner, Nardina <Turner.Nardina@epa.gov>; Amoroso, Cathy <Amoroso.Cathy@epa.gov>; Jessica Vickers <Jessica.Vickers@tetrattech.com>

Subject: Project 20-0055 Patterson St Solvent Plume - Sample Delivery

Tetra Tech is delivering all of the samples for Project 20-0055 to the Region 4 laboratory today. Attached are the COC and XML files. This project is complete.

Thanks,

Quinn Kelley

Senior Environmental Scientist

Tetra Tech, Inc.

(678) 775-3101 office

(678) 775-3138 fax